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PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/824956
	Filing Date	April 14, 2004
	First Named Inventor	Arthur D. Ballard
	Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	Attorney Docket Number	10884-00016-US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copies of References (50 references) PTO/SB/08 Return Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	CONNOLLY BOVE LODGE & HUTZ LLP Liza D. Hohenschutz - 33,712
Signature	<i>Liza D. Hohenschutz</i>
Date	<i>July 20, 2004</i>



PTO/SB/92 (08-03)

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Application No. (if known): 10/824956

Attorney Docket No.: 10884-00016-US

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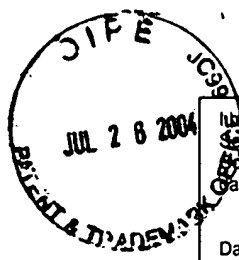
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A. D. Hamm

Docket No.: 10884-00016-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Arthur D. Ballard et al.

Application No.: 10/824956

Confirmation No.: Not Yet Assigned

Filed: April 14, 2004

Art Unit: Not Yet Assigned

For: HOMOGENEOUS, THERMOREVERSIBLE
LOW VISCOSITY POLYMANNAN GUM
FILMS AND SOFT CAPSULES MADE
THEREFROM

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on the PTO/SB/08 is attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent,

publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 03-2775, under Order No. 10884-00016-US. A duplicate copy of this paper is enclosed.

Dated: *July 20, 2004*

Respectfully submitted,

By *Liza D. Hohenschutz*
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PTO/SB/08a/b (08-03)

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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/824956
				Filing Date	April 14, 2004
				First Named Inventor	Arthur D. Ballard
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	10884-00016-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		3,962,482	6/8/1976	Uniroyal, Ltd.	
		3,956,173	5/11/1976	Hercules Incorporated	
		4,443,486	4/17/1984	FMC Corporation	
		4,096,327	6/20/1978	FMC Corporation	
		5,002,934	3/26/1991	Norton et al	
		5,051,304	9/24/1991	Societe Anonyme	
		5,264,223	11/23/1993	Japan Elanco Company, Ltd.	
		5,614,217	3/25/1997	R.P. Scherer Corporation	
		5,342,626	8/30/1994	Merck & Co., Inc.	
		5,431,917	7/11/1995	Japan Elanco Company, Ltd.	
		5,756,123	5/26/1998	Japan Elanco Co., Ltd.	
		5,620,757	4/15/1997	Mitsubishi Rayon Co., Ltd.	
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		6,375,981	4/23/2002	A. E. Staley Manufacturing Co.	
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		6,214,376	4/10/2001	Banner Pharmacaps, Inc.	
		6,326,028	12/4/2001	Monsanto Company	
		6,331,205	12/18/2001	Laurence Paris	
		6,340,473	1/22/2002	R.P. Scherer Technologies, Inc.	
		6,582,727	6/24/2003	R.P. Scherer Technologies, Inc.	
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		6,635,275	10/21/2003	Warner-Lambert Company	
		2002/0122822	9/5/2002	Bunick et al	
		2003/0211146	11/13/2003	Scott et al	
		2003/0084641	5/8/2003	Tanner et al	
		2003/0085487	5/5/2003	Tanner et al	
		2003/0138482	7/24/2003	Fonkwe et al	
		2004/0052839	3/18/2004	Archibald et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP 3-53873	1991	Kotobuki Academy		X
		JP 3-12231	1991	Kotobuki Academy		X
		JP 62-186754	1987	Unicolloid Inc.		X
		JP 60-55039	1985			
		JP 63-164858	1988	Unicolloid Co. Ltd.		X
		WO 00/36930	06/29/2000	The Monsanto Company		
		WO 01/92401	12/6/2001	A.E. Staley Manufacturing Co.		
		WO 01/92400	12/6/2001	A.E. Staley Manufacturing Co.		
		WO 03/009832	2/6/2003	R.P. Scherer Holdings Pty Ltd		

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
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Sheet	2	of	2	Attorney Docket Number	10884-00016-US

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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
		Eleya, et al., "Rheology of k-carrageenan and B-lactoglobulin mixed gels", Food Hydrocolloids, vol. 14, pages 29-40, 2000.		
		Falshaw et al., "Structure and performance of commercial kappa-2 carrageenan extracts I. Structure analysis", Food Hydrocolloids, vol. 15, pages 441-452; 2001.		
		Villanueva et al., "Structure and functional performance of gigartinacean kappa-iota hybrid carrageenan and solieriacean kappa-iota carrageenan blends", Food Hydrocolloids. Vol. 18, pages 283-292; 2004.		
		Bixler et al., "Kappa-2 carrageenan: structure and performance of commercial extracts II. Performance in two simulated dairy application", Food Hydrocolloids, vol. 15, pages 619-630; 2001.		
		van de Velde et al., "On the structure of k/i-hybrid carrageenans", Carbohydrate Research, vol. 331, pages 271-283, 2001.		
		Gums and Stabilisers for the Food Industry; "Liquid Core Hydrocolloid-Oil Capsules"; pages 324-332.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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